

L Number	Hits	Search Text	DB	Time stamp
-	1	6343166.pn.	USPAT; US-PGPUB; EPO; JPO	2003/10/20 09:55
-	3398	385/64-68,71-74,78-85.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/01/08 12:47
-	563	ferrule and capillary and fiber	USPAT; US-PGPUB; EPO; JPO	2003/01/08 12:39
-	283	385/\$6.ccls. and ferrule and capillary and fiber	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:09
-	166	385/60,61,64-68,71-74,78-85.ccls. and (ferrule and capillary and fiber)	USPAT; US-PGPUB; EPO; JPO	2003/01/09 11:27
-	31	6328481.pn. or 6322256.pn. or 6246812.pn. or 6241397.pn. or 6192175.pn. or 6173106.pn. or 6142678.pn. or 6134360.pn. or 6084994.pn. or 5980117.pn. or 5917626.pn. or 5809193.pn. or 5799121.pn. or 5768458.pn. or 5737104.pn. or 5692081.pn. or 5682452.pn. or 5675683.pn. or 5630000.pn. or 5619605.pn. or 5615052.pn. or 5608827.pn. or 5604629.pn. or 5502781.pn. or 5454057.pn. or 4989946.pn. or 4946247.pn. or 4931076.pn. or 4735479.pn. or 4698084.pn. or 4148553.pn.	USPAT; US-PGPUB; EPO; JPO	2003/01/08 13:43
-	23	(US-6322256-\$ or US-6246812-\$ or US-6142678-\$ or US-6134360-\$ or US-5917626-\$ or US-5809193-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6343166-\$ or US-5748820-\$ or US-5408551-\$).did. or (US-20020146214-\$).did.	USPAT; US-PGPUB	2003/01/23 09:20

-	10	((US-6322256-\$ or US-6246812-\$ or US-6142678-\$ or US-6134360-\$ or US-5917626-\$ or US-5809193-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6343166-\$ or US-5748820-\$ or US-5408551-\$).did. or (US-20020146214-\$).did.) and ferrule and capillary and fiber	U PAT; U -PGPUB; EP ; JPO	2003/01/08 16:51
-	0	6322256.pn. and ferrule	USPAT; US-PGPUB; EPO; JPO	2003/01/09 09:02
-	159	385/60,61,64-68,71-74,78-85.ccls. and ((alignment near groove) or (alignment near rod))	USPAT; US-PGPUB; EPO; JPO	2003/01/09 11:28
-	91	385/60,61,64-68,71-74,78-85.ccls. and ((alignment near groove) or (alignment near rod)) and ferrule	USPAT; US-PGPUB; EPO; JPO	2003/01/09 11:30
-	9	385/60,61,64-68,71-74,78-85.ccls. and ((alignment near groove) and (alignment near rod)) and ferrule	USPAT; US-PGPUB; EPO; JPO	2003/01/09 11:31
-	1	4482202.pn.	USPAT; US-PGPUB; EPO; JPO	2003/01/09 14:39
-	134	385/\$6.ccls. and ferrule and fibers and (ovality or concentricity)	USPAT; US-PGPUB; EPO; JPO	2003/01/12 11:45
-	6	385/\$6.ccls. and ferrule and fibers and (ovality and concentricity)	USPAT; US-PGPUB; EPO; JPO	2003/01/13 08:49
-	7	385/\$6.ccls. and ferrule and fibers and (ovality)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 18:33
-	1	6343166.pn. and tolerance	USPAT; US-PGPUB; EPO; JPO	2003/01/13 09:08
-	17	385/\$6.ccls. and fiber and ovality	USPAT; US-PGPUB; EPO; JPO	2003/01/13 11:27
-	1	4482202.pn.	USPAT; US-PGPUB	2003/01/23 09:21
-	7	385/\$6.ccls. and ferrule and fiber and ovality	USPAT; US-PGPUB; EPO; JPO	2003/01/23 10:18
-	5340	385/\$6.ccls. and 359/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/01/23 10:19

-	26	(385/\$6.ccls. and 359/\$6.ccls.) and fibers and ferrule and (capillary or bore or hole) and (collimat\$6 near2 lens) and allgn\$8	USPAT; US-PGPUB; EPO; JPO	2003/01/23 10:29
-	1	20020118929.pn.	USPAT; US-PGPUB; EPO; JPO	2003/03/12 14:03
-	237	385/\$6.ccls. and ferrule and fibers and (collimat\$4 near lens)	USPAT; US-PGPUB; EPO; JPO	2003/03/13 10:53
-	101	359/\$6.ccls. and ferrule and fibers and (collimat\$4 near lens)	USPAT; US-PGPUB; EPO; JPO	2003/03/13 12:15
-	4	5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.	USPAT; US-PGPUB; EPO; JPO	2003/03/13 12:16
-	2	(5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.) and collimat\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/13 13:43
-	0	(5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.) and AOI	USPAT; US-PGPUB; EPO; JPO	2003/03/13 12:41
-	34	(US-6343166-\$ or US-6477289-\$ or US-6487349-\$ or US-6433924-\$ or US-6454465-\$ or US-6393191-\$ or US-6134360-\$ or US-5748820-\$ or US-5408551-\$ or US-6246812-\$ or US-6322256-\$ or US-6142678-\$ or US-5692081-\$ or US-5809193-\$ or US-5917626-\$ or US-5682452-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-5630000-\$ or US-5675683-\$ or US-5608827-\$ or US-6364539-\$ or US-6259856-\$ or US-6168317-\$ or US-6498888-\$).did. or (US-6012852-\$ or US-6011616-\$ or US-6168319-\$ or US-6040944-\$).did. or (US-20020146214-\$ or US-20020110322-\$ or US-20020118929-\$).did. or (JP-06214138-\$).did.	USPAT; US-PGPUB; JPO	2003/03/13 12:43

-	3	((US-6343166-\$ or US-6477289-\$ or US-6487349-\$ or US-6433924-\$ or US-6454465-\$ or US-6393191-\$ or US-6134360-\$ or US-5748820-\$ or US-5408551-\$ or US-6246812-\$ or US-6322256-\$ or US-6142678-\$ or US-5692081-\$ or US-5809193-\$ or US-5917626-\$ or US-5682452-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-5630000-\$ or US-5675683-\$ or US-5608827-\$ or US-6364539-\$ or US-6259856-\$ or US-6168317-\$ or US-6498888-\$).did. or (US-6012852-\$ or US-6011616-\$ or US-6168319-\$ or US-6040944-\$).did. or (US-20020146214-\$ or US-20020110322-\$ or US-20020118929-\$).did. or (JP-06214138-\$).did.) and AOI	USPAT; US-PGPUB; EPO; JP	2003/03/13 12:43
-	2	(5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.) and adhesive	USPAT; US-PGPUB; EPO; JPO	2003/03/13 13:44
-	3	(5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.) and (epoxy or adhesive)	USPAT; US-PGPUB; EPO; JPO	2003/03/13 13:46
-	4	(5675683.pn. or 6477289.pn. or 6433924.pn. or 5682452.pn.) and (tilt or align\$6 or tip\$8)	USPAT; US-PGPUB; EPO; JPO	2003/03/13 14:02
-	1	6393191.pn. and (epoxy or adhesive)	USPAT; US-PGPUB; EPO; JPO	2003/03/13 14:03
-	1	20020081067.pn.	USPAT; US-PGPUB; EPO; JPO	2003/03/13 16:11
-	1	20020081067.pn. and aspheric	USPAT; US-PGPUB; EPO; JPO	2003/03/13 16:11

-	35	(US-6343166-\$ r US-6477289-\$ r US-6487349-\$ or US-6433924-\$ or US-6454465-\$ or US-6393191-\$ or US-6134360-\$ or US-5748820-\$ r US-5408551-\$ or US-6246812-\$ or US-6322256-\$ or US-6142678-\$ or US-5692081-\$ or US-5809193-\$ or US-5917626-\$ or US-5682452-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-5630000-\$ or US-5675683-\$ or US-5608827-\$ or US-6364539-\$ or US-6259856-\$ or US-6168317-\$ or US-6498888-\$).dld. or (US-6012852-\$ or US-6011616-\$ or US-6168319-\$ or US-6040944-\$).dld. or (US-20020146214-\$ or US-20020110322-\$ or US-20020118929-\$ or US-20020081066-\$).dld. or (JP-06214138-\$).dld.	USPAT; US-PGPUB; JP	2003/03/17 09:32
-	13	(385/\$6.ccls. or 359/\$6.ccls.) and fibers and (align\$6 near5 tilt\$6 near6 (element or filter)) and collimat\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/17 09:59
-	7	(385/\$6.ccls. or 359/\$6.ccls.) and fibers and (align\$6 near5 tilt\$6 near6 (element or filter)) and collimat\$6 and AOI	USPAT; US-PGPUB; EPO; JPO	2003/03/17 10:07
-	956	(385/\$6.ccls. or 359/\$6.ccls.) and fibers and collimat\$6 and (AOI or (angle near incidence))	USPAT; US-PGPUB; EPO; JPO	2003/03/17 10:08
-	23	(385/\$6.ccls. or 359/\$6.ccls.) and fibers and (align\$6 near8 tilt\$6) and collimat\$6 and (AOI or (angle near incidence))	USPAT; US-PGPUB; EPO; JPO	2003/03/17 10:45
-	82	(385/\$6.ccls. or 359/\$6.ccls.) and fibers and (align\$6 near8 tilt\$6) and collimat\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/17 10:56
-	28	385/52,140.ccls. and fibers and (tilt\$6) and collimat\$6 and align\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/17 13:33
-	88	385/52,140.ccls. and fibers and (tilt\$6)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 13:33
-	38	385/52,140.ccls. and fibers and (tilt\$6) and collimat\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/17 13:47
-	545	385/\$6.ccls. and fibers and (tilt\$6) and collimat\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/17 13:48
-	196	385/\$6.ccls. and ferrule and capillary and fiber and adhesive	USPAT; US-PGPUB; EPO; JPO	2003/03/17 14:22
-	76	385/\$6.ccls. and ferrule and capillary and fiber and adhesive and (cure or curing)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 14:27

83	385/\$6.ccls. and ferrul and capillary and fiber and (adhesiv or epoxy or glue) and (cure or curing)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 15:28
44	(US-6259856-\$ or US-6498888-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6364539-\$ or US-6343166-\$ or US-6322256-\$ or US-6246812-\$ or US-6168319-\$ or US-6168317-\$ or US-6142678-\$ or US-6134360-\$ or US-6040944-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-5809193-\$ or US-5748820-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$).dld. or (US-5454057-\$ or US-5408551-\$ or US-4989946-\$ or US-4946247-\$ or US-5857048-\$ or US-6408120-\$ or US-6272272-\$ or US-6520689-\$ or US-6491444-\$ or US-6368441-\$ or US-5963691-\$).dld. or (US-20020146214-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$ or US-20030016922-\$).dld. or (JP-06214138-\$).dld.	USPAT; US-PGPUB; EPO	2003/03/17 15:28
33	((US-6259856-\$ or US-6498888-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6364539-\$ or US-6343166-\$ or US-6322256-\$ or US-6246812-\$ or US-6168319-\$ or US-6168317-\$ or US-6142678-\$ or US-6134360-\$ or US-6040944-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-5809193-\$ or US-5748820-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$).dld. or (US-5454057-\$ or US-5408551-\$ or US-4989946-\$ or US-4946247-\$ or US-5857048-\$ or US-6408120-\$ or US-6272272-\$ or US-6520689-\$ or US-6491444-\$ or US-6368441-\$ or US-5963691-\$).dld. or (US-20020146214-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$ or US-20030016922-\$).dld. or (JP-06214138-\$).dld.) and (adhesive or epoxy or glue)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 17:48

14	((US-6259856-\$ or US-6498888-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6364539-\$ or US-6343166-\$ or US-6322256-\$ or US-6246812-\$ or US-6168319-\$ or US-6168317-\$ or US-6142678-\$ or US-6134360-\$ or US-6040944-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-5809193-\$ or US-5748820-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$).did. or (US-5454057-\$ or US-5408551-\$ or US-4989946-\$ or US-4946247-\$ or US-5857048-\$ or US-6408120-\$ or US-6272272-\$ or US-6520689-\$ or US-6491444-\$ or US-6368441-\$ or US-5963691-\$).did. or (US-20020146214-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$ or US-20030016922-\$).did. or (JP-06214138-\$).did.) and (adhesive or epoxy or glue) and drawn	USPAT; US-PGPUB; EPO; JPO	2003/03/17 16:55
14	((US-6259856-\$ or US-6498888-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6364539-\$ or US-6343166-\$ or US-6322256-\$ or US-6246812-\$ or US-6168319-\$ or US-6168317-\$ or US-6142678-\$ or US-6134360-\$ or US-6040944-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-5809193-\$ or US-5748820-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$).did. or (US-5454057-\$ or US-5408551-\$ or US-4989946-\$ or US-4946247-\$ or US-5857048-\$ or US-6408120-\$ or US-6272272-\$ or US-6520689-\$ or US-6491444-\$ or US-6368441-\$ or US-5963691-\$).did. or (US-20020146214-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$ or US-20030016922-\$).did. or (JP-06214138-\$).did.) and (adhesive or epoxy or glue) and (viscosity or heat)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 16:56

14	((US-6259856-\$ or US-6498888-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6393191-\$ or US-6364539-\$ or US-6343166-\$ or US-6322256-\$ or US-6246812-\$ or US-6168319-\$ or US-6168317-\$ or US-6142678-\$ or US-6134360-\$ or US-6040944-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-5809193-\$ or US-5748820-\$ or US-5692081-\$ or US-5682452-\$ or US-5675683-\$ or US-5630000-\$ or US-5608827-\$).did. or (US-5454057-\$ or US-5408551-\$ or US-4989946-\$ or US-4946247-\$ or US-5857048-\$ or US-6408120-\$ or US-6272272-\$ or US-6520689-\$ or US-6491444-\$ or US-6368441-\$ or US-5963691-\$).did. or (US-20020146214-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$ or US-20030016922-\$).did. or (JP-06214138-\$).did.) and (adhesive or epoxy or glue) and (cure or curing or cured)	USPAT; US-PGPUB; EPO; JPO	2003/03/17 17:49
6	385/\$6.ccls. and ferrule and fibers and (ovality) and (alignment near device)	USPAT; US-PGPUB; EPO; JPO	2003/03/18 08:27
195	385/\$6.ccls. and ferrule and fibers and alignment and capillary	USPAT; US-PGPUB; EPO; JPO	2003/03/18 08:29
222	385/\$6.ccls. and ferrule and fibers and capillary and (adhesive or epoxy or glue)	USPAT; US-PGPUB; EPO; JPO	2003/03/18 08:33
343	385/\$6.ccls. and ferrule and fibers and (groove or v-groove) and (adhesive or epoxy or glue) and (wafer or substrate)	USPAT; US-PGPUB; EPO; JPO	2003/03/18 10:08
308	385/\$6.ccls. and ferrule and fibers and (groove or v-groove) and (adhesive or epoxy or glue) and (wafer or substrate) and align\$6	USPAT; US-PGPUB; EPO; JPO	2003/03/18 10:09
1318	Brun.in.	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:19

48	(US-6520689-\$ r US-6487349-\$ or US-6477289-\$ r US-6454465-\$ r US-6433924-\$ r US-6368441-\$ or US-6343166-\$ r US-6168319-\$ or US-5963691-\$ or US-5408551-\$ or US-5790727-\$ or US-4950048-\$ or US-6491444-\$ or US-6393191-\$ or US-6134360-\$ or US-6045269-\$ or US-5748820-\$ or US-6364539-\$ or US-6259856-\$ or US-6240235-\$ or US-6246812-\$ or US-6322256-\$ or US-5809193-\$ or US-5692081-\$ or US-5682452-\$ or US-5630000-\$).dld. or (US-5675683-\$ or US-5608827-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-6168317-\$ or US-6498888-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-6142678-\$ or US-6408120-\$ or US-6272272-\$ or US-6040944-\$ or US-5857048-\$).dld. or (US-20020146214-\$ or US-20030016922-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$).dld. or (JP-06214138-\$).dld.	USPAT; US-PGPUB; JPO	2003/07/14 10:19
1318	Brun.in. and Brun.in.	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:20

3	Brun.in. and ((US-6520689-\$ or US-6487349-\$ or US-6477289-\$ or US-6454465-\$ or US-6433924-\$ or US-6368441-\$ or US-6343166-\$ or US-6168319-\$ or US-5963691-\$ or US-5408551-\$ or US-5790727-\$ or US-4950048-\$ or US-6491444-\$ or US-6393191-\$ or US-6134360-\$ or US-6045269-\$ or US-5748820-\$ or US-6364539-\$ or US-6259856-\$ or US-6240235-\$ or US-6246812-\$ or US-6322256-\$ or US-5809193-\$ or US-5692081-\$ or US-5682452-\$ or US-5630000-\$).did. or (US-5675683-\$ or US-5608827-\$ or US-5454057-\$ or US-4989946-\$ or US-4946247-\$ or US-6168317-\$ or US-6498888-\$ or US-6012852-\$ or US-6011616-\$ or US-5917626-\$ or US-6142678-\$ or US-6408120-\$ or US-6272272-\$ or US-6040944-\$ or US-5857048-\$).did. or (US-20020146214-\$ or US-20030016922-\$ or US-20020118929-\$ or US-20020110322-\$ or US-20020081066-\$ or US-20030012509-\$).did. or (JP-06214138-\$).did.)	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:20
0	09945314.pn.	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:21
0	"09945314" and "09945313" and "09945373" and "09945334" and "10131179"	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:22
6	"09/945314" or "09/945313" or "09/945373" or "09/945334" or "10/131179"	USPAT; US-PGPUB; EPO; JPO	2003/07/14 10:23
1	"20020106155"	USPAT; US-PGPUB; EPO; JPO	2003/10/20 09:55
1	"20020106155" and (alignment near device)	USPAT; US-PGPUB; EPO; JPO	2003/10/20 10:13
1	"20020106155" and alignment and wafer and groove	USPAT; US-PGPUB; EPO; JPO	2003/10/20 10:13
1	"20020106155" and alignment and wafer	USPAT; US-PGPUB; EPO; JPO	2003/10/20 11:00
3	5815621.pn. or 5748820.pn. or 5125055.pn.	USPAT; US-PGPUB; EPO; JPO	2003/10/20 11:00
185	385/\$6.ccls. and ferrule and fiber and (heat near4 (adhesive or ep xy or glue))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:10

-	139	385/\$6.ccls. and f rrule and fiber and (heat near2 (adhesive or poxy or glu))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:26
-	2	385/\$6.ccls. and ferrule and fiber and (h at near2 (adhesive or epoxy or glue) near4 (flow\$6 or viscosity))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:28
-	7	385/\$6.ccls. and fiber and (heat near2 (adhesive or epoxy or glue) near4 (flow\$6 or viscosity))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:52
-	253	385/\$6.ccls. and fiber and ferrule and ((block or retain\$4 or prevent\$4) near4 (adhesive or epoxy or glue))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 12:58
-	20	385/\$6.ccls. and fiber and ferrule and ((viscosity) near4 (adhesive or epoxy or glue) near12 (cPs))	USPAT; US-PGPUB; EPO; JPO	2003/10/20 14:07
-	4	6433924.pn. or 6322256.pn. or 6134360.pn. or 4950048.pn.	USPAT; US-PGPUB; EPO; JPO	2003/10/20 14:53
-	1	4984865.pn.	USPAT; US-PGPUB; EPO; JPO	2003/10/20 14:54